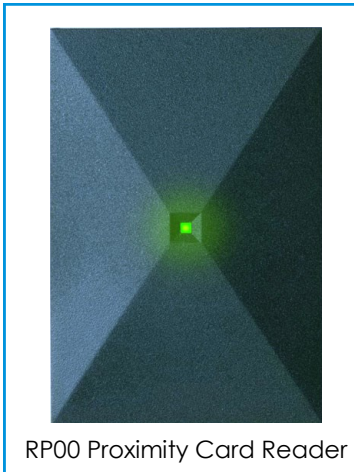


RFID Access Control System



RP500 Proximity Card Reader

The RP500 sets the electronic security benchmark for 125 kHz proximity readers, cards and tags. Based on proven contactless digital radio frequency identification (RFID) technology.

The RP 500 readers interface with a wide range of electronic access control systems including both Wiegand and magnetic stripe communication protocols.

Compact design ideal for mounting on doors, entrance gates and boom gates. The reader delivers high performance, non-contact read ranges up to 200 mm. Electronics are sealed in epoxy ensuring maximum protection.

The RP500 Proximity card reader comes with a lifetime warranty.



RPSC1 Clamshell Card

A clamshell design proximity card is ideal for access control applications where no direct physical contact is required between card and reader.

Like the Key Ring Tag and Silicon Wrist Band the RPSC1 cards are passive devices with no battery which eliminates the need for maintenance. Clamshell cards can be ordered to support several proximity reader technologies. The durable ABS plastic card ensures long life and is easily attached to a lanyard or belt clip.

The RPSC1 is the most cost effective proximity card with a large surface area ideally suited for printing additional information such as logos, ID numbers and even photos can be screen printed on the card.



Key Ring Tag

For applications where size is important the RPSK 1 key ring tag is the ideal solution. It is extremely strong and resistant to harsh environments.

The brass eyelet allows it to be attached to a key ring and it is no larger than most keys. While the RPSK-1 has similar characteristics to the clamshell cards, due to its small size its read range is reduced.



Silicon Wrist Band

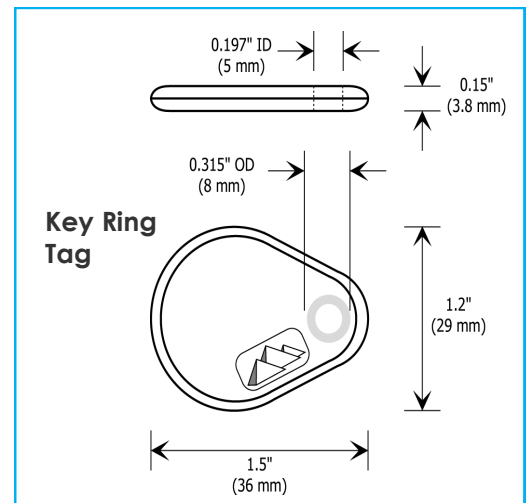
Recent technological advances have allowed the development of RFID devices that can be fitted inside silicon wrist bands. The advantage of these types of tags is that it keeps your hands free and they are especially useful in clean rooms.

They fit easily onto your wrist and there is no fumbling trying to find a card to open a door or gate. They are suitable for use in food preparation areas where there are detergents and wet areas.

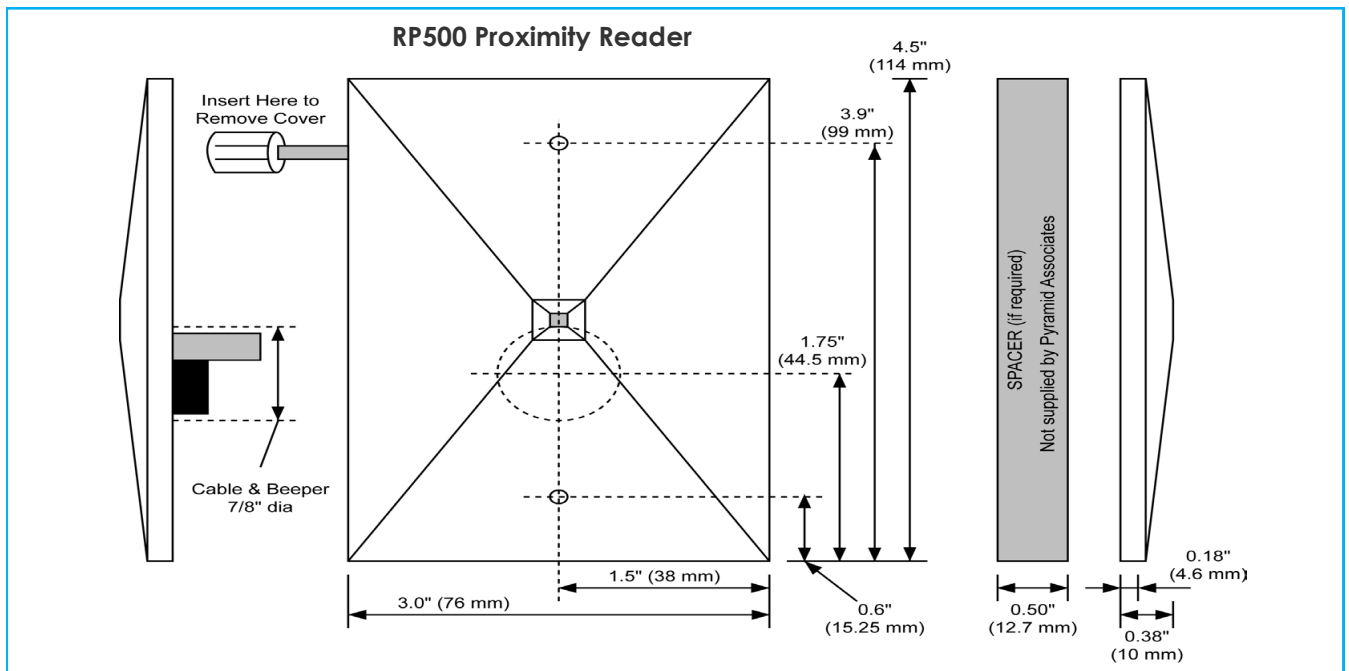
Technical Specifications

Specification	RP500 Proximity Reader
Technology	Proximity
Certifications	FCC, ICC, CE, C-Tick
Voltage	5 -16 VDC
Read Range	Up to 200 mm
Interface	Wiegand ABA Track II
LED	Four-state standard (red, green, amber & off)
Weather-proof	IP67
Current Draw	35 mA typical, 75 mA peak @12VDC
Operating Temperature	-40° C to +65°C
Audio Tone	Beeper included standard

Specification	Clamshell Card	Key Ring Tag	Flexible Wrist Band
Technology	RFID	RFID	RFID
Operation	Passive (no battery)	Passive (no battery)	Passive (no battery)
Formats	Wiegand and magnetic stripe	Wiegand and magnetic stripe	Wiegand and Magnetic stripe
Dimensions	86 x 55 x 1.5	36 x 29 x 3.8	
Material	ABS	ABS	Silicon
Read Range	200mm	115mm	100 mm



Dimensions



Rotech supply all forms of door and gate automation

Vehicle Access Control

- Booms Gates
- Sliding Gates
- Swing Gates
- Industrial Door Openers
- Solar Powered Gate Openers

Pedestrian Access Control

- Full Height Turnstiles
- Waist Height Turnstiles
- Supermarket Gates/Turnstiles
- Wheelchair Access Gates
- Rapid Access Gates

Fast | Safe | Secure